

CLAIMS

1. A drum (3) to place laundry and washing liquid and being rotated by a motor around its central axis in a tub (2) in washing/drying machines, characterized with a torque transmitter (4) comprising a shaft (5), which is driven by a motor and a torque distributor (7) distributing the shaft drive to the whole drum (3), produced so as not be separated from the material and coated thereof partially or fully to be embedded into the rear wall of the drum and produced as a single piece.

2. A drum (3), as defined in Claim 1, characterized with the torque distributor (7), which transmits motor drive power via the shaft (5) to the whole drum (3), with the help of the rear wall, includes several angular transmitting support elements (8), which extend from the center where the shaft (5) is placed towards the sides.

3. A drum (3), as defined in Claim 1 or Claim 2, characterized with the torque distributor (7) comprises a plate (11) to transmit motor drive power, via the shaft (5), to the whole drum (3) with the help of its rear wall.

4. A drum (3), as defined in any of the previous Claims, characterized with the torque distributor (7), which transmits motor drive power, via the shaft (5), to the whole drum (3), with the help of its rear wall, includes one or more circular transmitting support elements (9) which prevent the cracking of the material forming itself, during the production while the material transforms from liquid phase to the solid phase.

5. A drum (3), as defined in Claim 1 to 4, characterized with the torque transmitter (4), having one or more perforations (12), on the angular transmitting support element (8) and/or circular transmitting support element (9) and/or the connecting

plate (11), to ensure that the torque distributor (7), does not release and separate from the material forming and surrounding itself (7).

6. A drum (3) as defined in Claim 1 to 5, characterized with the torque transmitter (4), includes a mould positioning extension (10), on the torque distributor (7), to ensure its right positioning in the mould.

7. A drum (3), as defined in Claim 1 to 6, characterized with the torque transmitter (4) comprises a bushing (6) preferably made of brass and having a smooth surface to provide the installation of the shaft (5) and the torque distributor (7) onto each other or to provide the formation of a step on the shaft (5), to ensure placing them onto the tub (2).

8. A drum (3), as defined in Claim 3, characterized with the plate (11) comprises several recesses (13) to transmit the motor drive power with the help of the shaft (5) to the whole drum (3).

9. A drum (3), as defined in Claim 8, characterized with a plate (11) comprising several protrusions (14) to transmit the motor drive power with the help of the shaft (5) to the whole drum (3).

10. A drum (3), as defined in Claim 1 to Claim 9, which is made of plastic material.